

CLAIM LISTING

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Presently Amended) An autologous platelet gel ~~wherein all of the blood components which form the platelet gel are~~ comprising thrombin and an anticoagulated blood component, each of which is isolated from ~~[[the]]~~ an individual to whom the platelet gel is to be applied ~~[[to]]~~ and wherein said thrombin is isolated from a portion of said anticoagulated blood component, comprising:

[[a]] said platelet gel having a predetermined geometric shape corresponding to a cavity in the individual [to whom said platelet gel is to be applied to].

2. (Original) The autologous platelet gel of claim 1, wherein said predetermined geometric shape is created by gelling said autologous platelet gel in a mold having the desired shape.

3. (Original) The autologous platelet gel of claim 2, wherein said mold is constructed of a wettable or non-wettable interior surface.

4. (Original) The autologous platelet gel of claim 3, wherein said interior surface of said mold is glass.

5. (Original) The autologous platelet gel of claim 3, wherein said interior surface of said mold is plastic.

6. (Original) The autologous platelet gel of claim 3, wherein said interior surface of said mold is aluminum.

7. (Original) The autologous platelet gel of claim 3, wherein said mold has a basic conical shape.

8. (Original) The autologous platelet gel of claim 3, wherein said mold has a rod like shape.

9. (Original) The autologous platelet gel of claim 1, wherein said mold has a rectangular shape.

10. (Original) The autologous platelet gel of claim 7, wherein said conical shaped autologous platelet gel is used as a plug in a hole in the gum created from an extracted tooth.

11. (Original) The autologous platelet gel of claim 8, wherein said rod shaped autologous platelet gel is used as a plug in a hole in bone.

12. (Original) The autologous platelet gel of claim 11, wherein said autologous platelet gel further comprises bone fragments or bone augmenting materials.

13. (Presently Amended) A method of making an autologous platelet gel having a predetermined geometric shape, comprising:

introducing thrombin and an ~~inactive~~ anticoagulated blood component isolated from [[the]] an individual to whom the platelet gel is to be applied into a mold having the desired geometric shape, wherein said thrombin is isolated from a portion of said anticoagulated blood component;

allowing said thrombin and said inactive blood component to set in said mold; and removing said autologous platelet gel from said mold.

14. (Presently Amended) The method of claim 13, wherein said ~~inactive~~ anticoagulated blood component is platelet rich plasma.

15. (Presently Amended) The method of claim 13, wherein said ~~inactive~~ anticoagulated blood component is platelet poor plasma.

16. (Presently Amended) The method of claim 13, wherein said autologous platelet gel is inserted into a cavity in the body of the individual from whom the thrombin and ~~inactive~~ anticoagulated blood component were isolated.

17. (Original) The method of claim 13, further comprising introducing any organic or inorganic material.

18. (New) The method of claim 1, wherein said anticoagulated blood component is platelet rich plasma.

19. (New) The method of claim 1, wherein said anticoagulated blood component is platelet poor plasma.

20. (New) The autologous platelet gel of claim 1, wherein said thrombin is isolated by reactivating said portion of said anticoagulated blood component to form a clot and triturating said clot to form a serum containing said thrombin.

21. (New) The method of claim 13, wherein said thrombin is isolated by reactivating said portion of said anticoagulated blood component to form a clot and triturating said clot to form a serum containing said thrombin.